

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6161543").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 07:30
S1	33	(("3,859,986") or ("3,913,581") or ("4,278,090") or ("4,531,935") or ("4,860,744") or ("4,946,460") or ("5,078,713") or ("5,147,355") or ("5,868,735") or ("5,971,979") or ("6,033,383") or ("6,042,559") or ("6,051,019") or ("6,126,684") or ("6,146,411") or ("6,206,004") or ("6,241,722") or ("6,290,696") or ("20010027333") or ("20020010460") or ("20020029073") or ("6,355,029") or ("20020032438") or ("20020045892") or ("20020045894") or ("6,409,747") or ("6,428,534") or ("6,432,124") or ("20020161351") or ("6,530,234") or ("20030060762") or ("6,540,740") or ("6,558,412")).PN.	US-PGPUB; USPAT	OR	OFF	2004/12/09 10:07
S2	3843	(cardiac heart) and cool\$3 and catheter and balloon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 06:36
S3	302	(cardiac heart) and cool\$3 and catheter and balloon and sleeve and (fluid with cool\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/14 09:42
S4	2623	(606/13-26).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 10:54
S5	26	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/09 10:54
S6	1269	(cardiac heart) and cool\$3 and catheter and \$4deploy\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 13:54
S7	55	S4 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/09 10:56

## EAST Search History

S8	47	S7 and @AD<"20030625"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 07:10
S9	1269	(cardiac heart) and cool\$3 and catheter and deploy\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/09 10:59
S10	1152	S9 and @AD<"20030625"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/09 10:59
S11	47	S10 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/09 10:59
S12	2628	(606/13-26).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/21 10:40
S13	8	S12 and (body with cooling) and (cool\$3 with fluid) and deploy\$4 and (elongate with (body shaft tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 10:43
S14	34	S12 and (body with cooling) and (cool\$3 with fluid) and (elongate with (body shaft tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:06
S15	383	(body with cooling) and (cool\$3 with fluid) and (elongate with (body shaft tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 11:03
S16	556	(body with cool\$3) and (cool\$3 with fluid) and (elongate with (body shaft tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 11:03
S17	241	S16 and catheter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 11:03
S18	84	S17 and deploy\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 11:09
S19	80	S18 and @AD<"20030625"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 11:04

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S20	25	S19 and deploy\$4.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 11:09
S21	556	(body with cool\$3) and (cool\$3 with fluid) and (elongate with (body shaft tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:03
S22	241	S21 and catheter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:03
S23	84	S22 and deploy\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:03
S24	80	S23 and @AD<"20030625"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:07
S25	1384	(607/104-106).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/21 13:06
S26	60	S25 and (body with cooling) and (cool\$3 with fluid) and (elongate with (body shaft tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:28
S27	56	S26 and @AD<"20030625"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:34
S28	23	S27 and (cool\$3 with fluid).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:16
S29	33	S27 and (deploy\$4 extend\$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:16
S30	16	S29 and (cool\$3 with fluid).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 13:59
S31	28	S26 and (distal with (end portion)) and ((cardiac heart) with cool\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:33

## EAST Search History

S32	201	(distal with (end portion)) and ((cardiac heart) with cool\$3) and deploy\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:34
S33	39	(distal with (end portion)) and ((cardiac heart) with cool\$3) and deploy\$4.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:34
S34	37	S33 and @AD<"20030625"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:39
S35	37	S33 and @AD<"20030625" and cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 13:39
S36	8	S35 and (temperature with sens\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 14:42
S37	15	S35 and (heart with chamber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/13 14:56
S38	6	S37 and cool\$3.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/21 14:43
S39	1	("20040267338").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/13 14:25
S40	364	ginsburg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/13 14:52
S41	0	S40 and (cardiac heart) and cool\$3 and catheter and \$4deploy\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/13 14:53
S42	25	S40 and (cardiac heart) and cool\$3 and catheter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/13 14:53
S43	0	S42 and (heart with chamber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/13 14:56

## EAST Search History

S44	11	(US-20010005791-\$ or US-20010016725-\$ or US-20010025175-\$ or US-20020056460-\$ or US-20040030259-\$ or US-20040267338-\$).did. or (US-5799661-\$ or US-5846238-\$ or US-5861021-\$ or US-6620188-\$ or US-5837003-\$).did.	US-PGPUB; USPAT	OR	ON	2005/01/13 15:35
S45	1	S44 and joule-thompson	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/07 12:53
S46	1	S44 and (joule with thompson)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/13 15:37
S47	315	(cardiac heart) and cool\$3 and catheter and balloon and sleeve and (fluid with cool\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/13 15:37
S48	10	S47 and joule-thompson	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/13 15:37
S49	12	(US-20010005791-\$ or US-20010016725-\$ or US-20010025175-\$ or US-20020056460-\$ or US-20040030259-\$ or US-20040267338-\$).did. or (US-5799661-\$ or US-5837003-\$ or US-5846238-\$ or US-5861021-\$ or US-6514245-\$ or US-6620188-\$).did.	US-PGPUB; USPAT	OR	ON	2005/01/14 09:37

## EAST Search History

S50	33	(US-20030060762-\$ or US-20020161351-\$ or US-20020045894-\$ or US-20020045892-\$ or US-20020032438-\$ or US-20020010460-\$ or US-20020029073-\$ or US-20010027333-\$).did. or (US-6033383-\$ or US-6558412-\$ or US-6540740-\$ or US-6530234-\$ or US-6432124-\$ or US-6428534-\$ or US-6409747-\$ or US-6355029-\$ or US-6290696-\$ or US-6241722-\$ or US-6146411-\$ or US-6206004-\$ or US-6126684-\$ or US-6051019-\$ or US-6042559-\$ or US-5971979-\$ or US-5868735-\$ or US-5147355-\$ or US-4946460-\$ or US-5078713-\$ or US-4531935-\$ or US-4860744-\$ or US-4278090-\$ or US-3859986-\$ or US-3913581-\$).did.	US-PGPUB; USPAT	OR	ON	2005/01/14 09:38
S51	12	S49 not S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/14 09:38
S52	3437	(128/898).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 09:42
S53	31	S52 and (cardiac heart) and cool\$3 and catheter and balloon and sleeve and (fluid with cool\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/14 09:43
S54	2692	(606/13-26).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/08 08:48
S55	2274	(cardiac heart) and cool\$3 and deploy\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 08:49
S56	75	S54 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 08:50
S57	63	S56 and @AD<"20030625"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 08:51

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S58	26	S57 and cool\$3.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 09:41
S59	8	S58 and ((cardiac heart) with chamber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 09:41
S60	13	(US-20010005791-\$ or US-20010016725-\$ or US-20010025175-\$ or US-20020056460-\$ or US-20040030259-\$ or US-20040267338-\$).did. or (US-5799661-\$ or US-5837003-\$ or US-5846238-\$ or US-5861021-\$ or US-6514245-\$ or US-6575966-\$ or US-6620188-\$).did.	US-PGPUB; USPAT	OR	ON	2005/10/07 12:53
S61	2	S60 and joule-thompson	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/07 12:53
S62	4	(("6,223,085") or ("6,325,818") or ("2001001832") or ("2002120314") or ("i")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/27 13:27
S63	2	((("6,223,085") or ("6,325,818") or ("2001001832") or ("2002120314"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/27 13:27
S64	0	((("2001001832") or ("2002120314")).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/27 13:28
S65	0	((2001/001832) or (2002/120314)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/27 13:27
S66	2	((("20010001832") or ("20020120314")).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/27 13:28
S67	2851	(606/13-26).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/27 13:38
S68	42	S67 and (body with cooling) and (cool\$3 with fluid) and (elongate with (body shaft tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 14:00
S69	1	("6908462").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/27 13:45

## EAST Search History

S70	79	S67 and (vascular cardiac heart) and cool\$3 and catheter and \$4deploy\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 13:56
S71	7	S70 and \$4deploy\$2.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 13:56
S72	17	S68 and (extend\$4 with cool\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 14:00
S73	2855	(606/13-26).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/28 06:37
S75	1727	(cardiac heart) and cool\$3 and catheter and \$4deploy\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/28 07:09
S76	73	S73 and S75	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/28 06:38
S77	31	S76 and (heart with (inside chamber))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/28 07:10
S78	456	(cardiac heart) and (cryo\$5 cryotreatment) and catheter and \$4deploy\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/28 07:10
S79	287	S78 and @AD<"20030625"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 07:10
S80	100	S79 and (heart with (inside chamber))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/28 07:10
S81	10	S80 and (femoral with artery)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/28 07:11
S82	508	(catheter with lumen) and (cool\$3 with (extend\$4 deploy\$4 longitudinally))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/09/13 13:58
S83	395	S82 and @AD<"20030625"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/09/13 13:59

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S84	244	S83 and (heart cardiac)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/09/13 14:00
S85	193	S84 and (cool\$3 with fluid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 14:00
S86	51	S83 and (heart cardiac).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/09/13 14:00
S87	509	(catheter with lumen) and (cool\$3 with (extend\$4 deploy\$4 longitudinally))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/09/14 05:56
S88	395	S87 and @AD<"20030625"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/09/14 05:56
S89	51	S88 and (heart cardiac).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/09/14 05:56